

BRUHATH BANGALORE MAHANAGARA PALIKE
SCHEDULE - B

Name of Work : Improvements to Vidia School Main Road(Via 7th Main Havnoor Layout from Nandini Rice corner circle) upto Hesaraghatta Main road in Ward no. 14 Bagalagunte

Sl. No	Description	Unit	Qty	Approved Rates	
				In Figs	In Words
1	Earthwork excavation and forming in embankment by manual means in ordinary soil with initial lead upto 15m and lift of 1.5m (when earth is taken from bank cutting or from borrow pits) including breaking of clods, sprading to required line and level, forming and cost of all labour complete as per specification. (Excluding watering and compaction of Earth)	Cum	194.95	4.88	Rupees four and eighty eight paise only
2	For Grading I Material Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, omplete as per specifications. A. Plant Mix Method.	Cum	83.55	1060.56	Rupees one thousand sixty and fifty six paise only
3	Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	128.11	1121.04	Rupees One thousand one hundred and twenty one and zero four paise only
4	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.With 80/100 grade bitumen	Cum	44.56	6646.32	Rupees Six thousand six hundre and forty six and thirty two paise only

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5	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	2785.00	2.59	Rupees two and fifty nine paise only
6	Tack Coat:- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom. complete as per specifications. Using Bitumen Emulsion	Sqm	2785.00	17.93	Rupees seventeen and ninety three paise only
7	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. 25-30mm compacted thickness with 5% bitumen 80/100 grade (Grading II)	Cum	74.50	9794.52	Rupees nine thousand seven hundred and ninety four and fifty two paise only
8	Carriage of mixed materials	Cum	119.06	52.11	Rupees Fifty two and eleven paise only
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the Engineer in charge of the work, lead 10 Kms a) Basic rate for haulage of materials as per item No.17.4 etc Rs. 2.00 Tonne/km b) Average earth of work 1.28 Tonne/km for Rs. 2.00/km. c) Add loading and unloading	Cum	194.95	78.24	Rupees seventy eight and twenty four paise only


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